EP 0 502 620 A2 92n00660

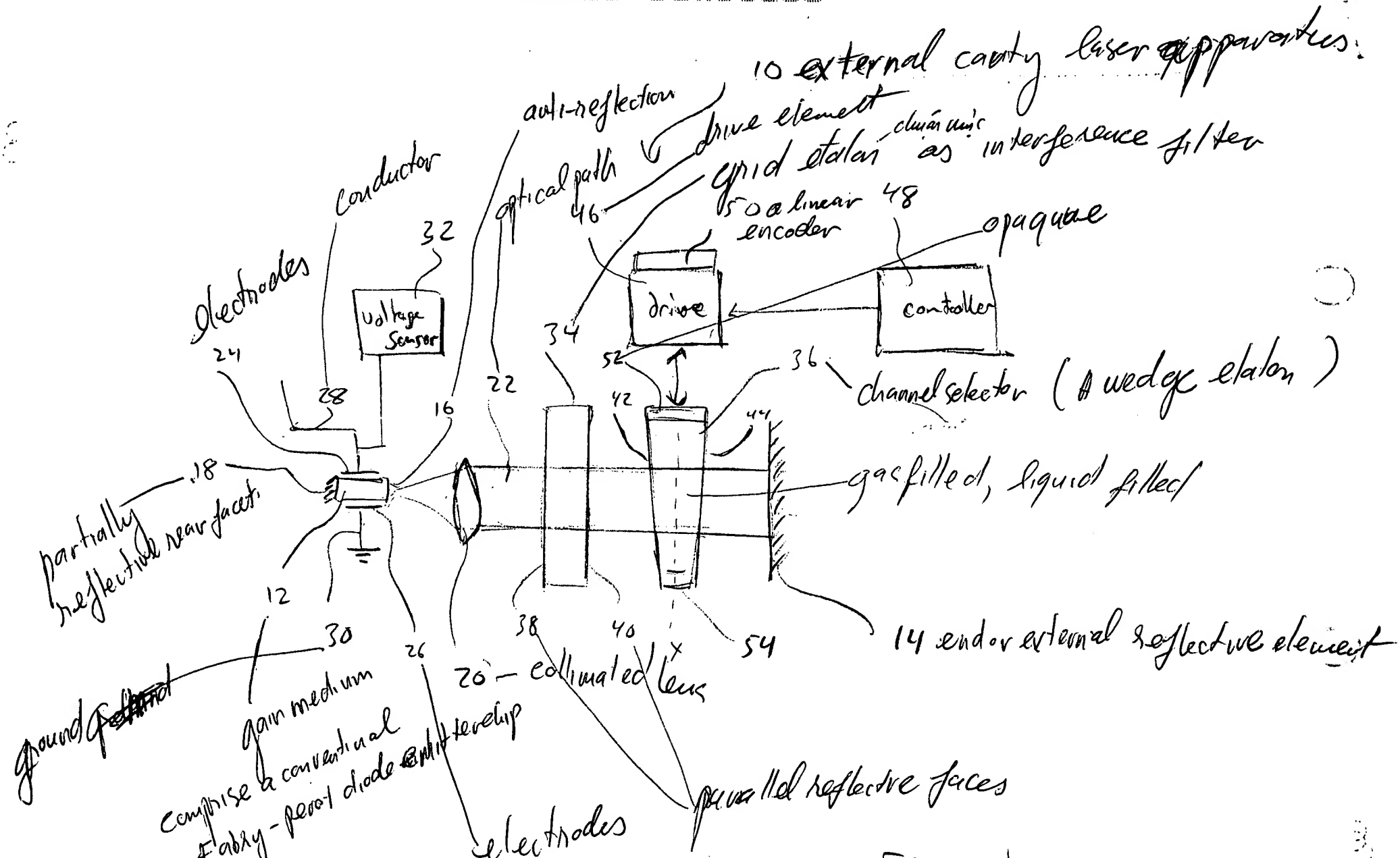


Fig. 1.

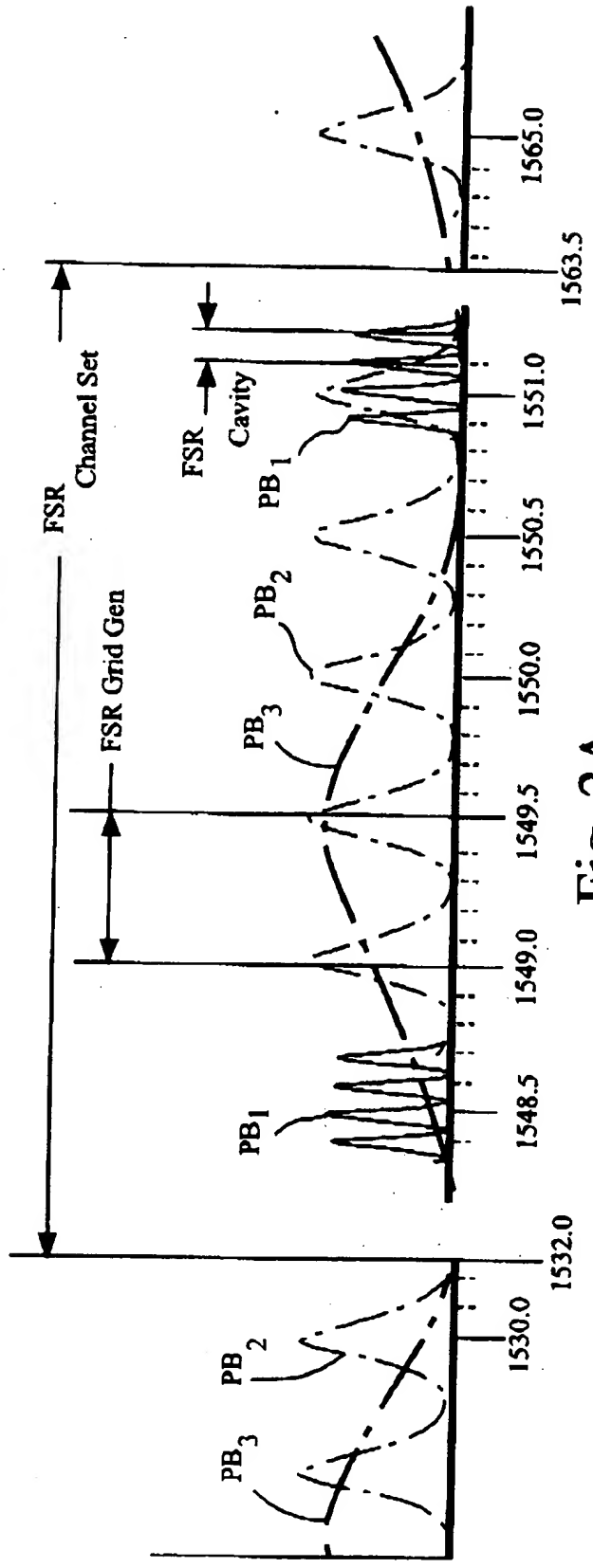


Fig. 2A

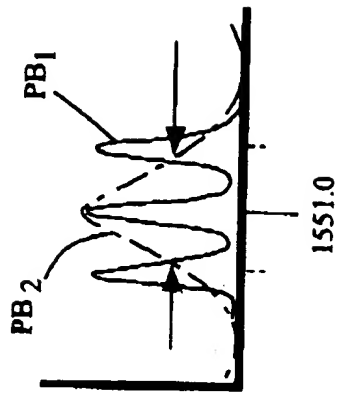


Fig. 2B

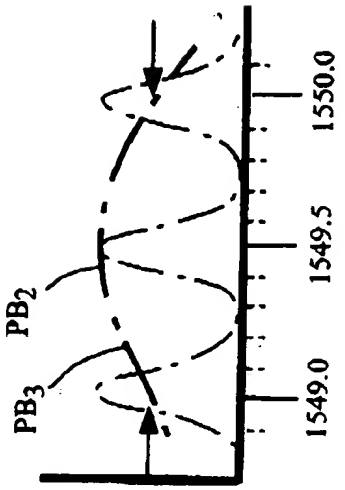


Fig. 2C

Fig. 3A

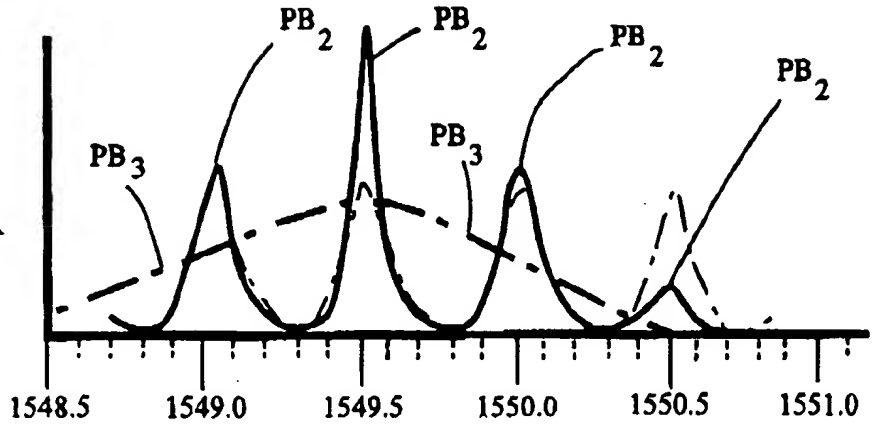


Fig. 3B

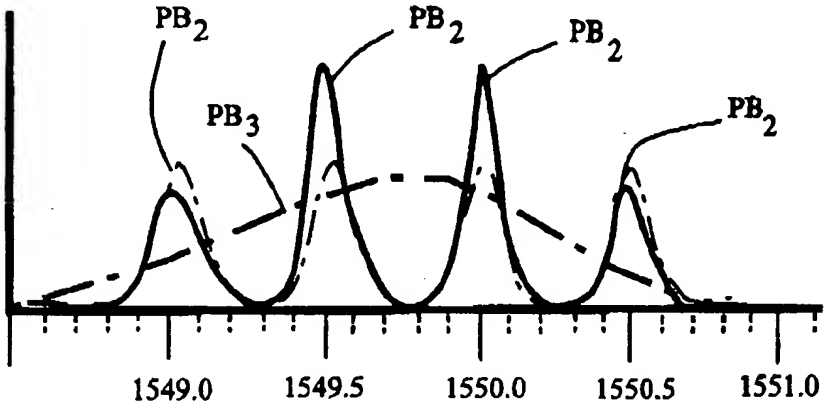
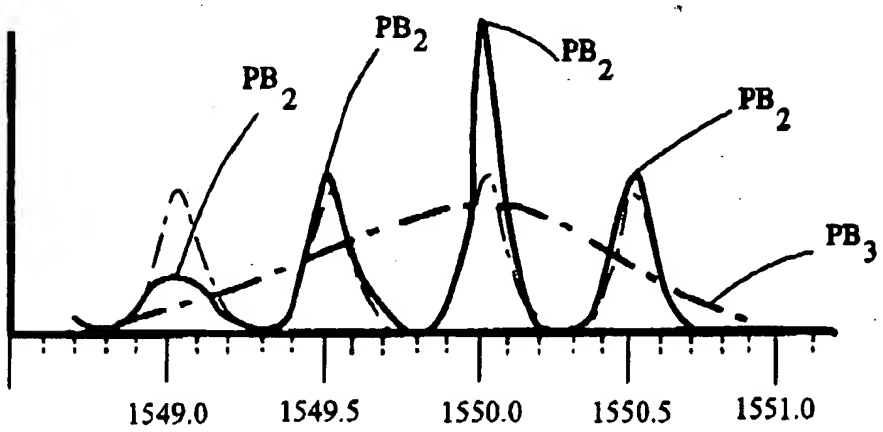


Fig. 3C



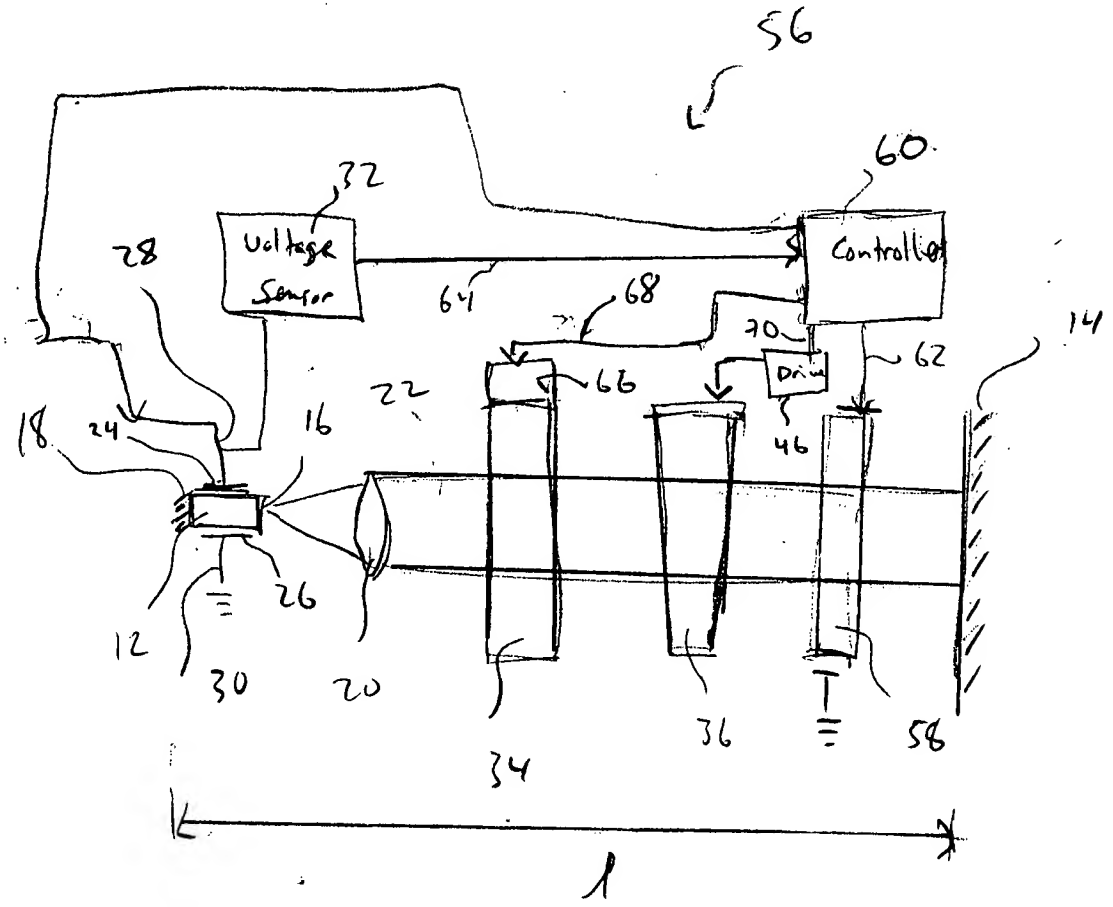
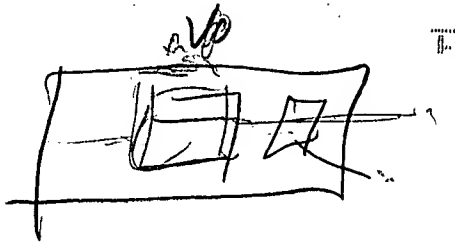

56
60
32
Voltage Sensor
Controller
28
64
68
70
62
14
66
22
18
24
16
Drive
46
12
26
30
20
34
36
58
1

Fig. 4A

EP90620 92h00660



112 : 6pt
72 etalon

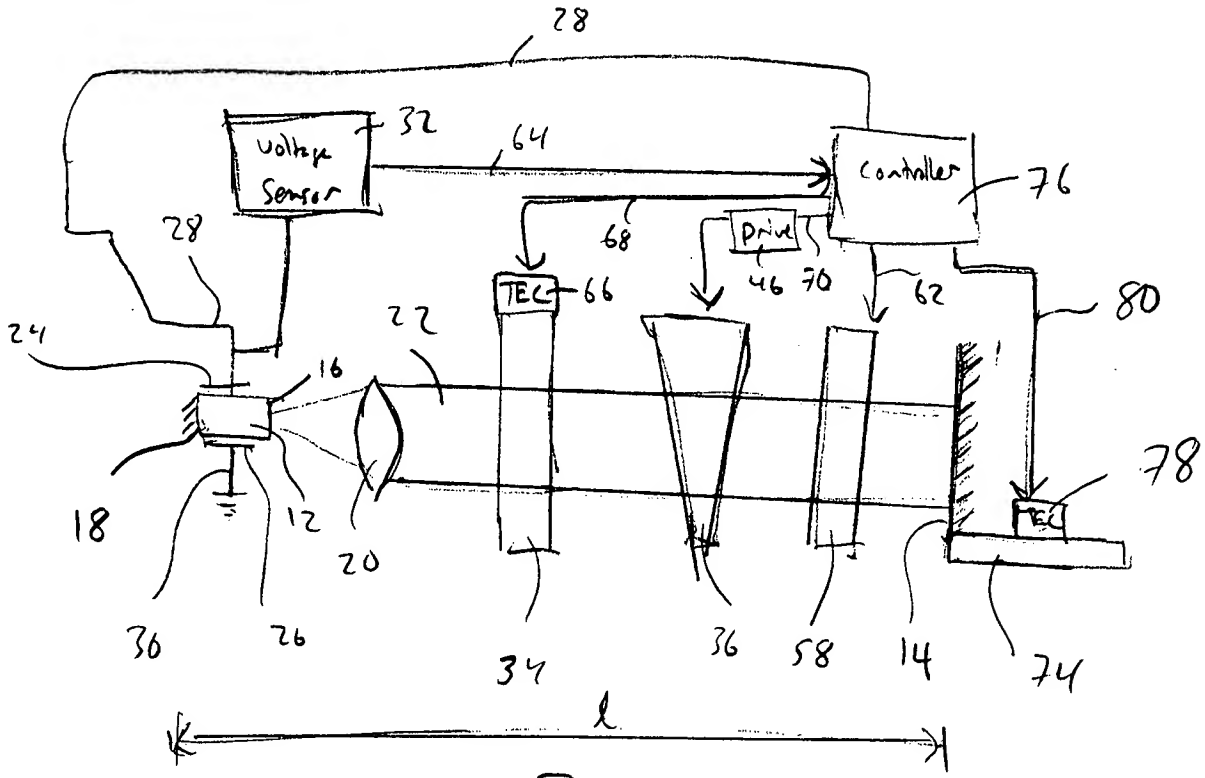


Fig. 4B

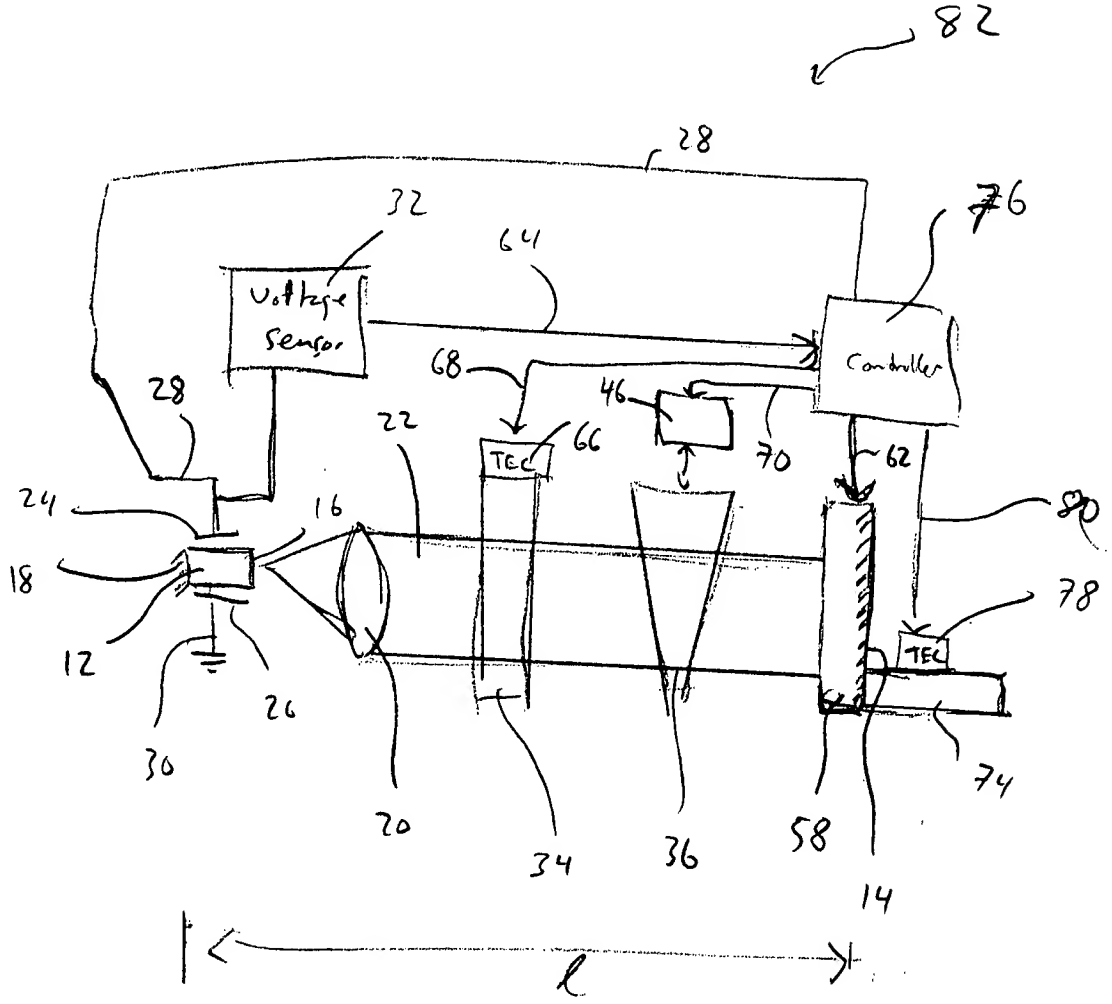

82
28
32
Voltage Sensor
64
76
Controller
68
46
28
22
TEC
66
70
62
24
16
80
18
78
12
TEC
26
30
20
34
36
58
74
14
ℓ

Fig. 4C

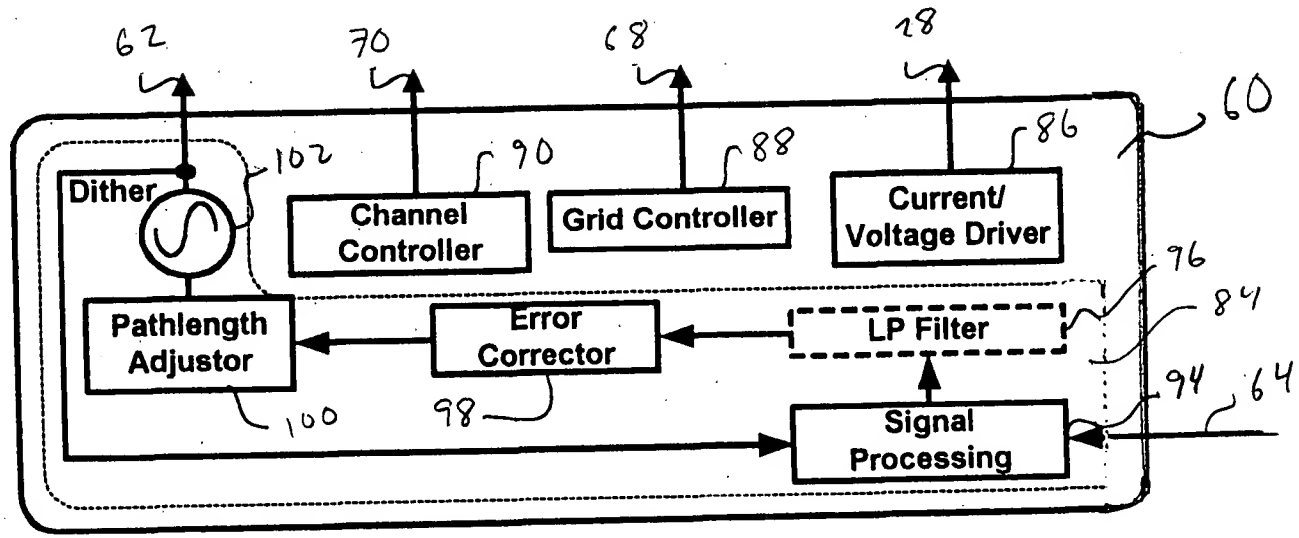

62
70
68
28
60
Dither
102
Channel Controller
90
Grid Controller
88
Current/ Voltage Driver
86
Pathlength Adjustor
100
Error Corrector
98
LP Filter
96
84
Signal Processing
94
64

Fig. 5A

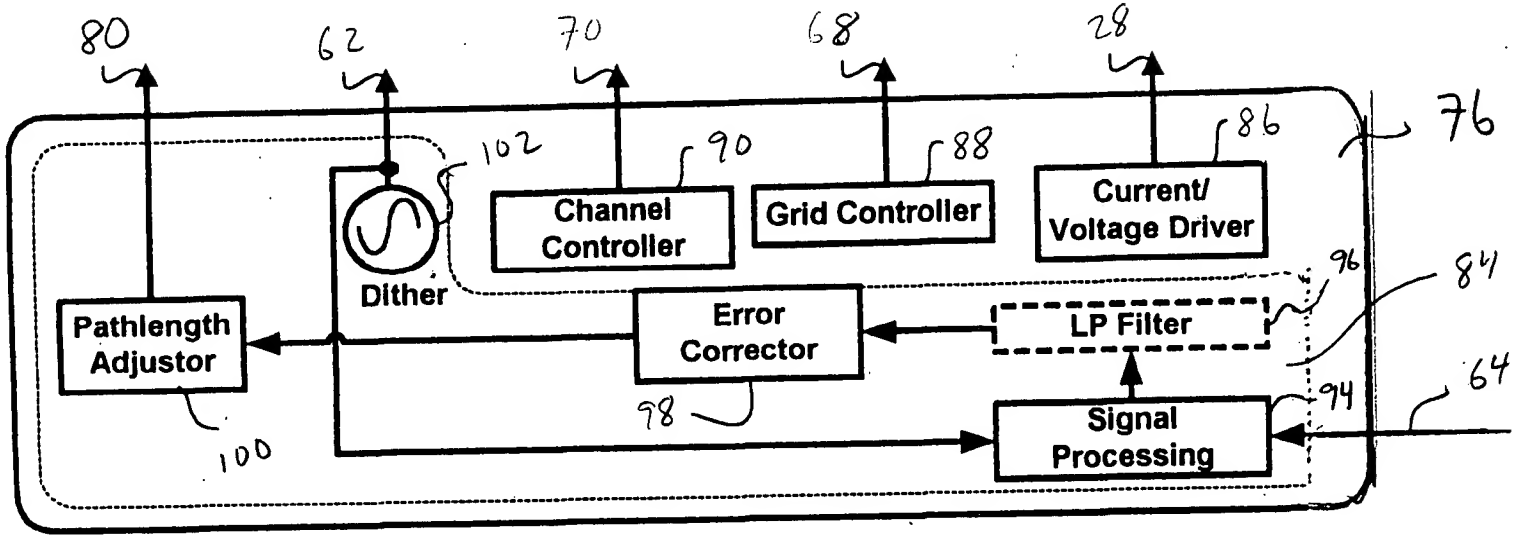

80
62
70
68
28
76
Dither
102
Channel Controller
90
Grid Controller
88
Current/ Voltage Driver
86
Pathlength Adjustor
100
Error Corrector
98
LP Filter
96
84
Signal Processing
94
64

Fig. 5B

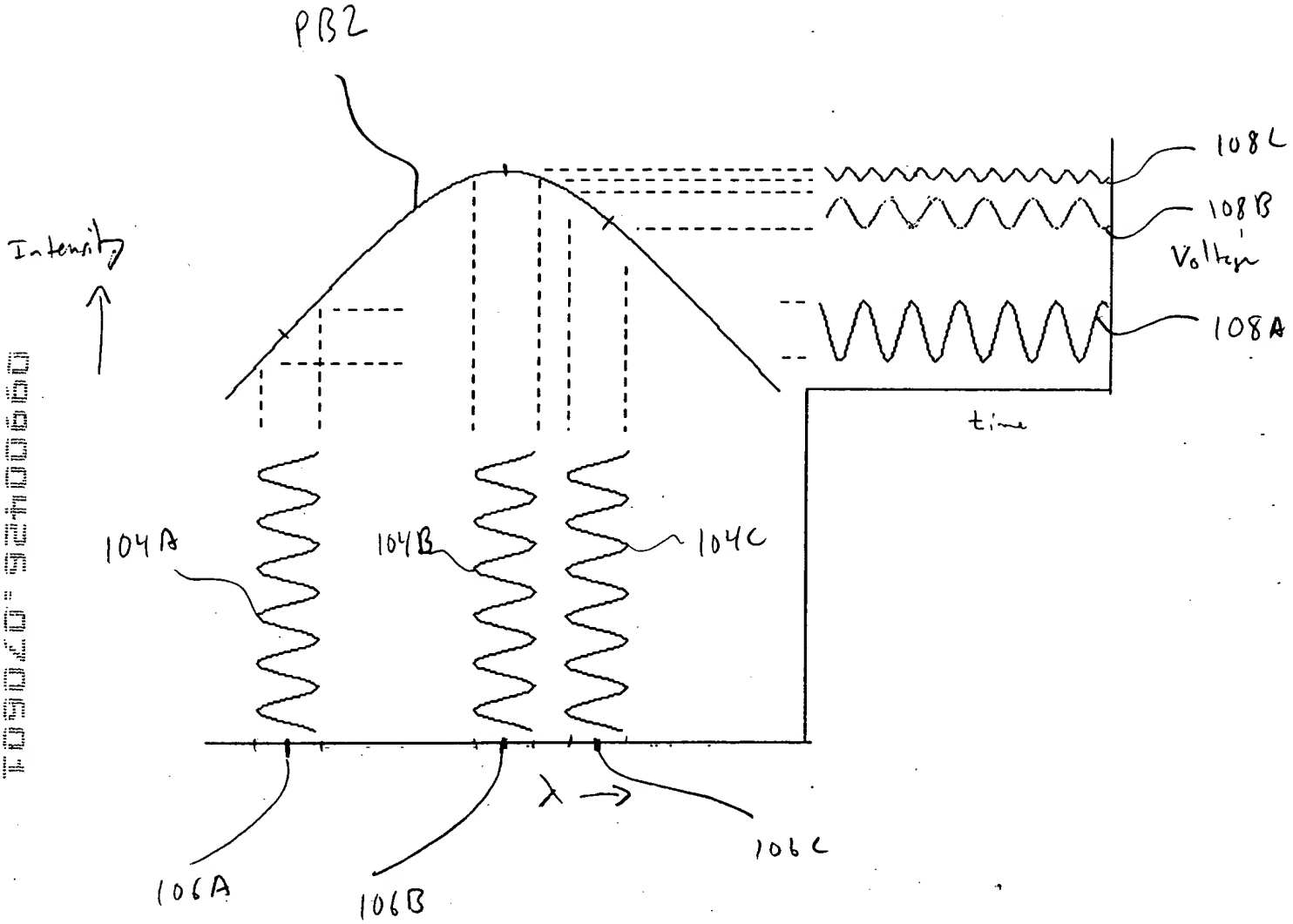

PB2
Intensity
108C
108B
Voltage
108A
time
104A
104B
104C
λ
106A
106B
106C

Fig. 6

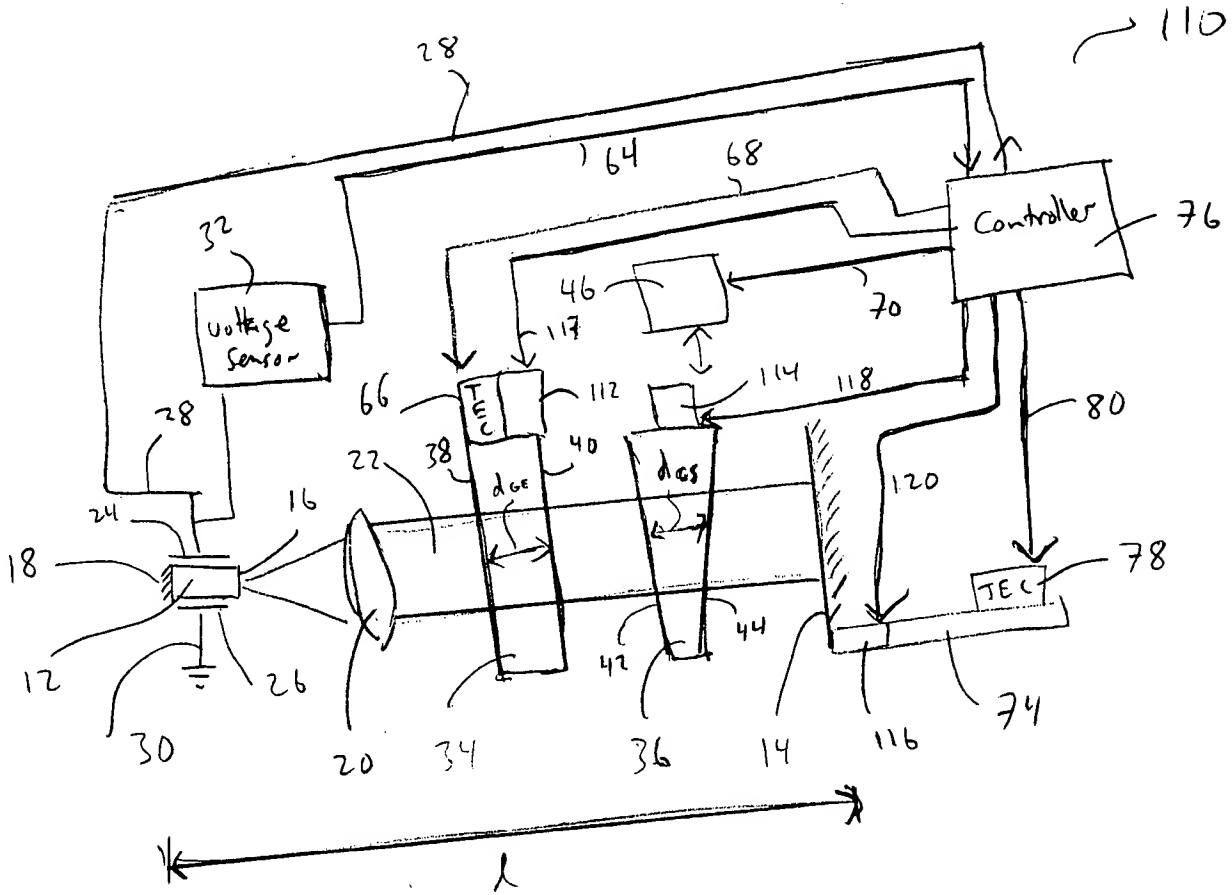

110
28
64
68
Controller
76
32
Voltage Sensor
46
70
117
66
TEC
112
114
118
80
28
22
38
40
d_{GE}
d_{GS}
120
24
16
18
78
TEC
12
26
44
42
30
20
34
36
14
116
74
l

Fig. 7

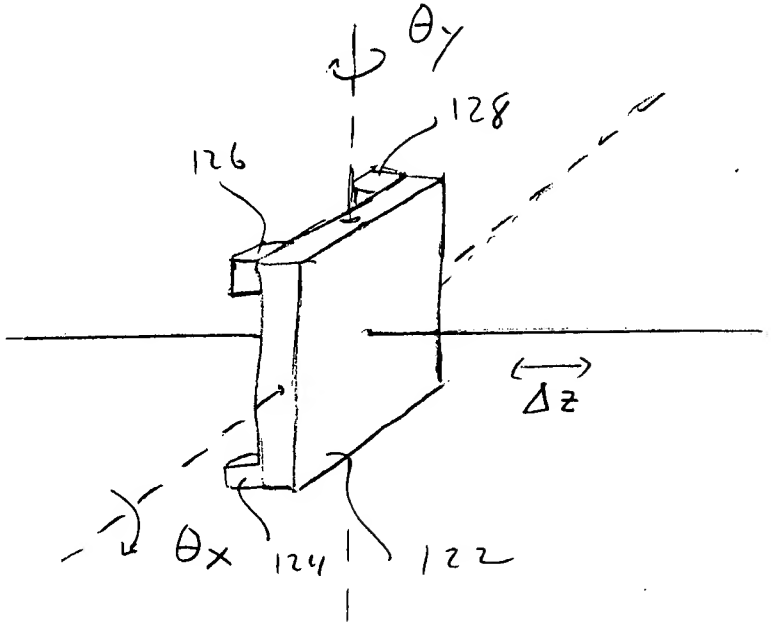


Fig. 8

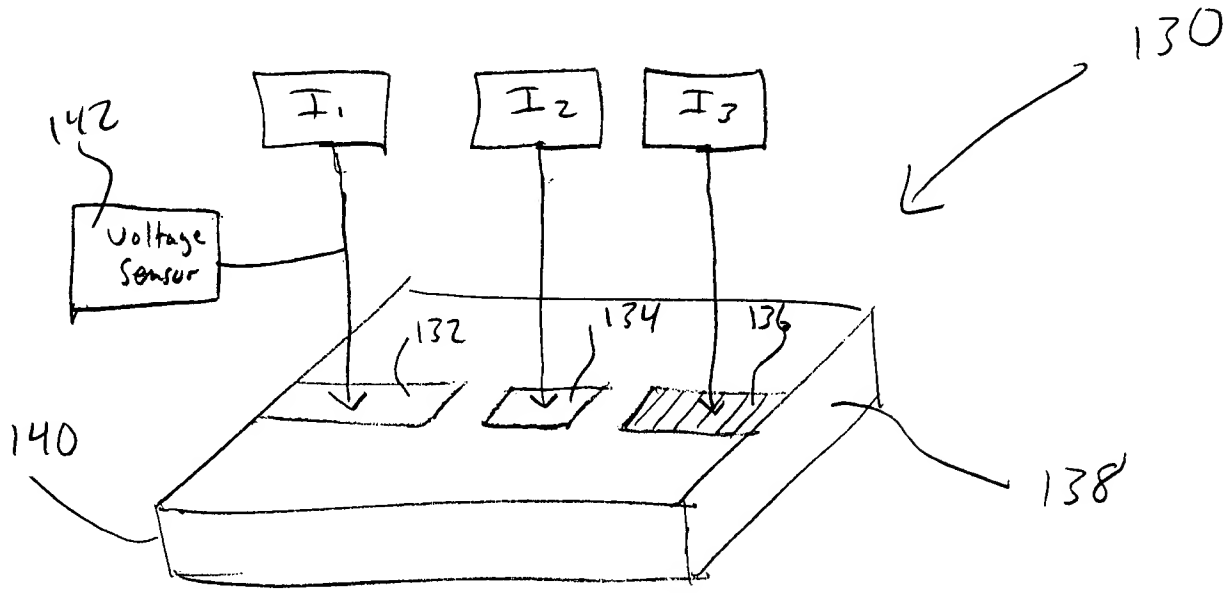


Fig. 9

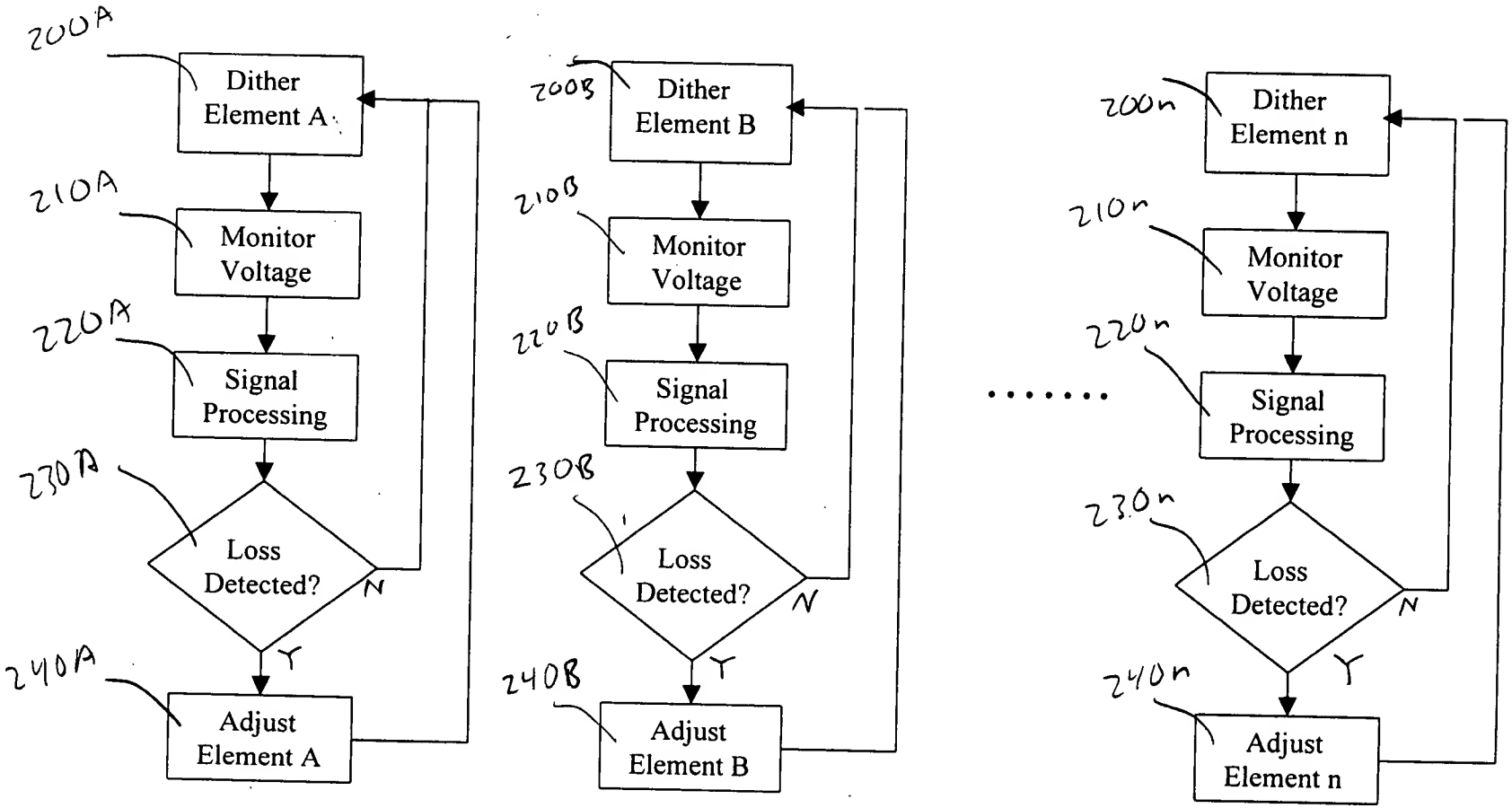

200A
Dither Element A
210A
Monitor Voltage
220A
Signal Processing
230A
Loss Detected?
N
Y
240A
Adjust Element A
200B
Dither Element B
210B
Monitor Voltage
220B
Signal Processing
230B
Loss Detected?
N
Y
240B
Adjust Element B
200n
Dither Element n
210n
Monitor Voltage
220n
Signal Processing
230n
Loss Detected?
N
Y
240n
Adjust Element n

Fig. 10